

## GUANGYANG SECONDARY SCHOOL

### 2023 Semester 2 Plan for Secondary 3 Express Pure Physics

#### Curriculum

Textbook: Physics Matters (4<sup>th</sup> Edition)

Theory Workbook: Physics Matters (4<sup>th</sup> Edition)

<b>Term 3 Week</b>	<b>Chapter / Topic</b>	<b>Page no.</b>	<b>Assignments/Assessments</b>
1-2	8. Kinetic Theory of Matter	137 – 146	WS 8
3	9. Thermal Processes	147 – 166	WS 9 WA 3 (Week 3)
4-6	10: Thermal Properties of Matter	167 – 186	WS 10
7-9	14: Light	233 – 266	WS 14
10	11: General Wave Properties I	187 – 204	WS 11
<b>Term 4 Week</b>	<b>Chapter / Topic</b>	<b>Page no.</b>	<b>Assignments/Assessments</b>
1	11: General Wave Properties I	187 – 204	WS 11
2	Revision	N.A.	Past year exam papers
3 – 4	End of Year Examination	N.A.	-

#### Assessment Plan

<b>Type</b>	Weighted Assessment 3 (Term 3)	<b>Type</b>	End of Year Exam (Term 4)
<b>Weightage</b>	15 %	<b>Weightage</b>	55 %

Weighted Assessment			Date	Guidelines
<b><u>Assessment format</u></b>			T3W3	<ul style="list-style-type: none"> <li>Topics to be advised by subject teacher.</li> <li>Please ensure that you have a calculator for the exam. Answers to calculations to 2/3 s.f.</li> <li>Answer all questions in spaces provided in the question paper.</li> </ul>
	Details	Marks		
Part I	5 Multiple choice questions	5		
Part II Section A	Structured questions	20		
Part II Section B	1 Free response questions	10		

End of Year Exam			Date	Guidelines
<b><u>Exam format</u></b>			Sept 2023	<ul style="list-style-type: none"> <li>Topics to be advised by subject teacher.</li> <li>Please ensure that you have a calculator for the exam. Answers to calculations to 2/3 s.f.</li> <li>Answer all questions in spaces provided in the question paper.</li> </ul>
	Details	Marks		
Part I	20 Multiple choice questions	20		
Part II Section A	Structured questions*	50		
Part II Section B	1 Free response question	10		
*One data-based question.				